



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 75329 77432	SERIAL NO. 09/617,868
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Shaw, Thomas J.	
		FILING DATE 07/17/2000	GROUP 3762

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KCS	1	3,306,290	02/28/1967	Weltman			02/14/1964
	2	4,747,831	05/31/1988	Kulli			04/29/1987
	3	4,838,863	06/13/1989	Allard et al.			09/21/1987
	4	4,838,869	06/13/1989	Allard			07/22/1988
	5	4,841,985	06/27/1989	Wanamaker			04/21/1986
	6	4,874,382	10/17/1989	Lindemann et al.			10/15/1987
	7	4,904,242	02/27/1990	Kulli			05/31/1988
	8	4,955,870	09/11/1990	Ridderheim et al.			08/23/1988
	9	4,994,034	02/19/1991	Botich et al.			07/11/1989
	10	5,019,044	05/28/1991	Tsao			08/14/1989
	11	5,046,508	09/10/1991	Weissler			12/19/1989
	12	5,049,133	09/17/1991	Villen Pascual			01/23/1990
	13	5,053,010	10/01/1991	McGary et al.			10/03/1990
✓	14	5,064,419	11/12/1991	Gaarde			07/13/1987
	15	5,084,018	01/28/1992	Tsao			04/26/1991

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
KCS	A	146773		Japan			Y
	B	GB2 197 792A	06/902/1988	United Kingdom			Y
	C	WO 95/08358	03/30/1995	WIPO			Y
✓	D	WO 96/35463	11/14/1996	WIPO			Y
	E	WO 98/48869	11/05/1998	WIPO			Y

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KCS	AA	"Disappearing Needle", Designer News, Page 58, 03/22/1993	RECEIVED FEB 20 2001 TECHNOLOGY CENTER 3700
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## U.S. PATENT DOCUMENTS

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CCS	16	5,084,029	01/28/1992	Tagliaferri et al.			12/07/1988
	17	5,090,962	02/25/1992	Landry, Jr. et al.			04/28/1989
	18	5,092,853	03/03/1992	Courvertier, II			02/04/1991
	19	5,112,316	05/12/1992	Venturini			06/23/1989
	20	5,114,410	05/19/1992	Caralt Battle			01/18/1991
	21	5,120,310	06/09/1992	Shaw			04/03/1991
	22	5,180,369	01/19/1993	Dysarz			01/20/1992
	23	5,163,918	11/17/1992	Righi et al.			07/10/1991
	24	5,180,370	01/19/1993	Gillespie			05/18/1992
✓	25	5,201,710	04/13/1993	Caselli			03/04/1992

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KCS	26	5,211,629	05/18/1993	Pressly et al.			12/23/1991
	27	5,304,138	04/19/1994	Mercado			09/18/1992
	28	5,324,265	06/28/1994	Murray et al.			10/20/1993
	29	5,346,480	09/13/1994	Hess et al.			12/14/1992
	30	5,370,620	12/06/1994	Shonfeld			11/15/1993
	31	5,376,080	12/27/1994	Petrussa			07/27/1992
	32	5,385,551	01/31/1995	Shaw			09/22/1993
	33	5,389,076	02/14/1995	Shaw			04/05/1994
	34	5,407,431	04/18/1995	Botich et al.			09/27/1993
	35	5,411,489	05/02/1995	Pagay et al.			05/06/1994
	36	5,423,758	06/13/1995	Shaw			12/16/1993
	37	5,505,703	04/09/1996	Bartlett et al.			10/19/1993
	38	5,527,286	06/18/1996	Lekhgolts et al.			06/05/1995
	39	5,578,011	11/26/1996	Shaw			05/11/1995
↓	40	5,613,952	03/25/1997	Pressley, Sr. et al.			06/07/1995

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